



Special Technical Presentation of the Landsat 7 Ground System

**EROS Data Center
Sioux Falls, South Dakota USA
May 7-8, 1998**

Special Technical Presentation Goals:

**To present a technical overview of the Landsat 7
Ground System:**

- For the benefit of the International Ground
Station operators and their upgrade contractors**
- Highlighting those portions that will directly
affect IGS participation.**

Special Technical Presentation

Day 1 Thursday morning, May 7, 1998

- | | |
|-------------------|---|
| 9:00 | Registration and Refreshments |
| 9:30 | Welcome/ Special Session Objectives |
| | Landsat 7 Project Overview |
| | Introduction to the L7 Ground System |
| | Available Documentation |
| 10:30 | Break |
| 10:45 | Mission Operations IGS data scheduling |
| | Ground System Data Capture/ RF Interface |
| 12:00-1:00 | Lunch |

Special Technical Presentation

Day 1 Thursday afternoon, May 7, 1998

1:00 pm

Instrument Data Evaluation Status:

- Instrument Data Quality Assessment
- Pre-launch Test Schedule

On-Orbit Initialization and Verification

3:00 pm

Break

3:15 pm

IAS Quality Assurance and Operations:

- IAS Functional Overview
- Calibration, CPF, Use by IGSs
- Availability of Results

Thursday Evening: Social Hour at Falls Park, Brew Pub.

Special Technical Presentation

Day 2 Friday morning, May 8, 1998

9:00am

Science Data Processing:

- CCSDS Format
- LPS/LPGS Functional Overview
- Level 0R-1 Output Product Formats

10:15

Break

10:30

Science Data Processing (continued):

- Browse / Metadata Transfer Protocol
- IGS Data Exchange Formats

11:00

Tour of EDC

12:00

Session Evaluation, Adjourn